



Solve each problem.

Answers

- 1) Which equation has both 5 and -5 as a possible value of x ?
- A. $x^2 = 125$
B. $x^3 = 125$
C. $x^2 = 25$
D. $x^3 = 10$
- 2) Which equation has both 6 and -6 as a possible value of x ?
- A. $x^3 = 36$
B. $x^2 = 36$
C. $x^2 = 216$
D. $x^3 = 216$
- 3) Which equation has only 8 as a possible value of x ?
- A. $x^3 = 24$
B. $x^3 = 64$
C. $x^3 = 512$
D. $x^2 = 512$
- 4) Which equation has only 4 as a possible value of x ?
- A. $x^2 = 64$
B. $x^3 = 64$
C. $x^2 = 12$
D. $x^3 = 16$
- 5) Which equation has both 4 and -4 as a possible value of x ?
- A. $x^2 = 8$
B. $x^3 = 16$
C. $x^2 = 16$
D. $x^2 = 64$
- 6) Which equation has only 9 as a possible value of x ?
- A. $x^2 = 81$
B. $x^2 = 729$
C. $x^2 = 27$
D. $x^3 = 729$
- 7) Which equation has only 10 as a possible value of x ?
- A. $x^3 = 100$
B. $x^2 = 1000$
C. $x^2 = 30$
D. $x^3 = 1000$
- 8) Which equation has both 10 and -10 as a possible value of x ?
- A. $x^3 = 1000$
B. $x^3 = 100$
C. $x^2 = 100$
D. $x^2 = 20$
- 9) Which equation has only 7 as a possible value of x ?
- A. $x^2 = 21$
B. $x^3 = 21$
C. $x^3 = 343$
D. $x^2 = 343$
- 10) Which equation has only 5 as a possible value of x ?
- A. $x^2 = 25$
B. $x^3 = 125$
C. $x^3 = 25$
D. $x^2 = 125$

1. _____
2. _____
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C. $x^3 = 25$
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Answers

1. **C**
2. **B**
3. **C**
4. **B**
5. **C**
6. **D**
7. **D**
8. **C**
9. **C**
10. **B**